

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Spring 2018 Levee Inspection Results**

**Reclamation District No. 0108 River Farms**

|                                  | Spring<br>(March - May) | Summer **<br>(June - August) | Fall<br>(September - November) | Winter **<br>(December - February) |
|----------------------------------|-------------------------|------------------------------|--------------------------------|------------------------------------|
| † Overall LMA Rating (Fall Only) |                         |                              |                                |                                    |

\*\* Non-receipt of Summer or Winter Inspection  
Reports may effect overall annual rating.

† **SPRING INSPECTIONS:** Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

**FALL INSPECTIONS:** The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2018 Levee Inspection Results**

**Reclamation District No. 0108 River Farms**

|                                |  |      |            |
|--------------------------------|--|------|------------|
| Waterway                       |  | Bank | Unit Miles |
| Unit No. 01 Colusa Basin Drain |  | Left | 20.64      |

|  | Spring<br>(March - May) | Summer<br>(June - August) | (September - November)<br>Fall | Winter<br>(December - February) |
|--|-------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit Maintenance Rating<br>(Fall Only) |                         |                           |                                |                                 |
| Date of Inspection                     | 3/16/2018 - 3/16/2018   |                           |                                |                                 |
| DWR Inspector                          | Zach Jojola             |                           |                                |                                 |
| Accompanied By                         | Gary Marler<br>RD0108   |                           |                                |                                 |

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0108 River Farms**

| Waterway                       | Bank | Unit Miles | Inspection Start/End     | Inspector   |
|--------------------------------|------|------------|--------------------------|-------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 03/16/2018<br>03/16/2018 | Zach Jojola |

|                         |                                  |              |                        |            |          |
|-------------------------|----------------------------------|--------------|------------------------|------------|----------|
| LM Start                |                                  | Rating **    | A                      | Issue No.  | <b>5</b> |
| LM End                  |                                  | Issue Type + | Ma                     | Location * | N/A      |
| Category                | Earthen Levee                    |              | GPS Latitude/Longitude |            |          |
|                         |                                  |              | Start                  | End        |          |
| Item                    | Operations & Maintenance Manuals |              |                        | o          | o        |
|                         |                                  |              |                        | o          | o        |
| DWR ID                  | DWR_RD0108_01_s_2013_5           |              |                        |            |          |
| Comment Code            |                                  |              |                        |            |          |
| Inspector Comment       |                                  |              |                        |            |          |
| RD 108 has O&M manuals. |                                  |              |                        |            |          |

No Photos

|   |                                |              |                        |            |          |
|---|--------------------------------|--------------|------------------------|------------|----------|
| LM Start  |                                | Rating **    | A                      | Issue No.  | <b>7</b> |
| LM End  |                                | Issue Type + | Ma                     | Location * | N/A      |
| Category  | Earthen Levee                  |              | GPS Latitude/Longitude |            |          |
|   |                                |              | Start                  | End        |          |
| Item  | Emergency Supplies & Equipment |              |                        | o          | o        |
|   |                                |              |                        | o          | o        |
| DWR ID  | DWR_RD0108_01_s_2013_7         |              |                        |            |          |
| Comment Code  |                                |              |                        |            |          |
| Inspector Comment   |                                |              |                        |            |          |
| RD 108 maintains a stockpile of flood response materials. |                                |              |                        |            |          |

No Photos

|  |                               |              |                        |            |          |
|--|-------------------------------|--------------|------------------------|------------|----------|
| LM Start   |                               | Rating **    | A                      | Issue No.  | <b>9</b> |
| LM End   |                               | Issue Type + | Ma                     | Location * | N/A      |
| Category   | Earthen Levee                 |              | GPS Latitude/Longitude |            |          |
|  |                               |              | Start                  | End        |          |
| Item   | Flood Preparedness & Training |              |                        | o          | o        |
|  |                               |              |                        | o          | o        |
| DWR ID   | DWR_RD0108_01_s_2013_9        |              |                        |            |          |
| Comment Code   |                               |              |                        |            |          |
| Inspector Comment  |                               |              |                        |            |          |
| RD 108 has written response plans and regular flood response training. |                               |              |                        |            |          |

No Photos

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0108 River Farms**

| Waterway                       | Bank | Unit Miles | Inspection Start/End     | Inspector   |
|--------------------------------|------|------------|--------------------------|-------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 03/16/2018<br>03/16/2018 | Zach Jojola |

|  |                             |              |                        |              |                  |
|--|-----------------------------|--------------|------------------------|--------------|------------------|
| LM Start   | <b>0.06</b>                 | Rating **    | M                      | Issue No.    | <b>36 (cont)</b> |
| LM End   | <b>0.06</b>                 | Issue Type + | Ma                     | Location *   |                  |
| Category   | Supplemental                |              | GPS Latitude/Longitude |              |                  |
|  |                             |              | Start                  | End          |                  |
| Item   | DWR UCIP LMA Responsibility |              | 38.822897°             | 38.822897°   |                  |
|  |                             |              | -121.797000°           | -121.797000° |                  |
| DWR ID   |                             |              |                        |              |                  |
| Comment Code   |                             |              |                        |              |                  |
| Inspector Comment  |                             |              |                        |              |                  |
| FS_ID:37608<br>DS_ID:17943<br>EP_NO: 9396<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon.<br>FIELD_STRUCT_DESC: *ABANDONED* 1 of 5: 72-inch reinforced concrete gravity drainage pipe or culvert through the levee, 31.6 feet below the crown. Slide gate on each end. (Retention of five 72-inch pipes through the levee [HLM 0.08] authorized under Automatic Board Order (ABO) issued as Permit No. 9736, 1974 - Reclamation District No. 108 [RD0108]). [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete drainage culverts].<br>FS Date: 6/10/2014 |                             |              |                        |              |                  |

Photo 3 of 3 : UCIP\_SP\_2018\_37608\_68208.jpg



View of concrete structure visible on landward side.

|  |   |   |
|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br><br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0108 River Farms**

| Waterway                       | Bank | Unit Miles | Inspection Start/End     | Inspector   |
|--------------------------------|------|------------|--------------------------|-------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 03/16/2018<br>03/16/2018 | Zach Jojola |

|  |                             |              |                        |              |           |
|--|-----------------------------|--------------|------------------------|--------------|-----------|
| LM Start   | <b>0.06</b>                 | Rating **    | M                      | Issue No.    | <b>37</b> |
| LM End   | <b>0.06</b>                 | Issue Type + | Ma                     | Location *   |           |
| Category   | Supplemental                |              | GPS Latitude/Longitude |              |           |
|  |                             |              | Start                  | End          |           |
| Item   | DWR UCIP LMA Responsibility |              | 38.822919°             | 38.822919°   |           |
|  |                             |              | -121.797046°           | -121.797046° |           |
| DWR ID   |                             |              |                        |              |           |
| Comment Code   |                             |              |                        |              |           |
| Inspector Comment  |                             |              |                        |              |           |
| FS_ID:37609<br>DS_ID:22386<br>EP_NO: 9396<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon.<br>FIELD_STRUCT_DESC: *ABANDONED* 2 of 5: 72-inch reinforced concrete gravity drainage pipe or culvert through the levee, 31.6 feet below the crown. Slide gate on each end. (Retention of five 72-inch pipes through the levee [HLM 0.08] authorized under Automatic Board Order (ABO) issued as Permit No. 9736, 1974 - Reclamation District No. 108 [RD0108]). [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete drainage culverts].<br>FS Date: 6/10/2014 |                             |              |                        |              |           |

Photo 1 of 3 : UCIP\_SP\_2018\_37609\_68211.jpg



Concrete structure located on waterward side.

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>0.06</b> | Rating **    | M  | Issue No.  | <b>37 (cont)</b> |
| LM End   | <b>0.06</b> | Issue Type + | Ma | Location * |                  |

Photo 2 of 3 : UCIP\_SP\_2018\_37609\_68215.jpg



Dense vegetation covers the waterward slope.

|  |   |   |
|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br><br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0108 River Farms**

| Waterway                       | Bank | Unit Miles | Inspection Start/End     | Inspector   |
|--------------------------------|------|------------|--------------------------|-------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 03/16/2018<br>03/16/2018 | Zach Jojola |

|  |                             |              |                        |              |                  |
|--|-----------------------------|--------------|------------------------|--------------|------------------|
| LM Start   | <b>0.06</b>                 | Rating **    | M                      | Issue No.    | <b>37 (cont)</b> |
| LM End   | <b>0.06</b>                 | Issue Type + | Ma                     | Location *   |                  |
| Category   | Supplemental                |              | GPS Latitude/Longitude |              |                  |
|  |                             |              | Start                  | End          |                  |
| Item   | DWR UCIP LMA Responsibility |              | 38.822919°             | 38.822919°   |                  |
|  |                             |              | -121.797046°           | -121.797046° |                  |
| DWR ID   |                             |              |                        |              |                  |
| Comment Code   |                             |              |                        |              |                  |
| Inspector Comment  |                             |              |                        |              |                  |
| FS_ID:37609<br>DS_ID:22386<br>EP_NO: 9396<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon.<br>FIELD_STRUCT_DESC: *ABANDONED* 2 of 5: 72-inch reinforced concrete gravity drainage pipe or culvert through the levee, 31.6 feet below the crown. Slide gate on each end. (Retention of five 72-inch pipes through the levee [HLM 0.08] authorized under Automatic Board Order (ABO) issued as Permit No. 9736, 1974 - Reclamation District No. 108 [RD0108]). [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete drainage culverts].<br>FS Date: 6/10/2014 |                             |              |                        |              |                  |

Photo 3 of 3 : UCIP\_SP\_2018\_37609\_68213.jpg



View of concrete structure located on landward side.

|  |   |   |
|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br><br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0108 River Farms**

| Waterway                       | Bank | Unit Miles | Inspection Start/End     | Inspector   |
|--------------------------------|------|------------|--------------------------|-------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 03/16/2018<br>03/16/2018 | Zach Jojola |

|  |                             |              |                        |               |           |
|--|-----------------------------|--------------|------------------------|---------------|-----------|
| LM Start   | <b>0.06</b>                 | Rating **    | M                      | Issue No.     | <b>38</b> |
| LM End   | <b>0.06</b>                 | Issue Type + | Ma                     | Location *    |           |
| Category   | Supplemental                |              | GPS Latitude/Longitude |               |           |
|  |                             |              | Start                  | End           |           |
| Item   | DWR UCIP LMA Responsibility |              | 38.822933 °            | 38.822933 °   |           |
|  |                             |              | -121.797081 °          | -121.797081 ° |           |
| DWR ID   |                             |              |                        |               |           |
| Comment Code   |                             |              |                        |               |           |
| Inspector Comment  |                             |              |                        |               |           |
| FS_ID:37610<br>DS_ID:22387<br>EP_NO: 9396<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon.<br>FIELD_STRUCT_DESC: *ABANDONED* 3 of 5: 72-inch reinforced concrete gravity drainage pipe or culvert through the levee, 31.6 feet below the crown. Slide gate on each end. (Retention of five 72-inch pipes through the levee [HLM 0.08] authorized under Automatic Board Order (ABO) issued as Permit No. 9736, 1974 - Reclamation District No. 108 [RD0108]). [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete drainage culverts].<br>FS Date: 6/10/2014 |                             |              |                        |               |           |

Photo 1 of 3 : UCIP\_SP\_2018\_37610\_68216.jpg



Concrete structure located on waterward side.

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>0.06</b> | Rating **    | M  | Issue No.  | <b>38 (cont)</b> |
| LM End   | <b>0.06</b> | Issue Type + | Ma | Location * |                  |

Photo 2 of 3 : UCIP\_SP\_2018\_37610\_68219.jpg



Dense vegetation covers waterward side slope.

|  |   |   |
|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br><br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0108 River Farms**

| Waterway                       | Bank | Unit Miles | Inspection Start/End     | Inspector   |
|--------------------------------|------|------------|--------------------------|-------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 03/16/2018<br>03/16/2018 | Zach Jojola |

|  |                             |              |                        |               |                  |
|--|-----------------------------|--------------|------------------------|---------------|------------------|
| LM Start   | <b>0.06</b>                 | Rating **    | M                      | Issue No.     | <b>38 (cont)</b> |
| LM End   | <b>0.06</b>                 | Issue Type + | Ma                     | Location *    |                  |
| Category   | Supplemental                |              | GPS Latitude/Longitude |               |                  |
|  |                             |              | Start                  | End           |                  |
| Item   | DWR UCIP LMA Responsibility |              | 38.822933 °            | 38.822933 °   |                  |
|  |                             |              | -121.797081 °          | -121.797081 ° |                  |
| DWR ID   |                             |              |                        |               |                  |
| Comment Code   |                             |              |                        |               |                  |
| Inspector Comment  |                             |              |                        |               |                  |
| FS_ID:37610<br>DS_ID:22387<br>EP_NO: 9396<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon.<br>FIELD_STRUCT_DESC: *ABANDONED* 3 of 5: 72-inch reinforced concrete gravity drainage pipe or culvert through the levee, 31.6 feet below the crown. Slide gate on each end. (Retention of five 72-inch pipes through the levee [HLM 0.08] authorized under Automatic Board Order (ABO) issued as Permit No. 9736, 1974 - Reclamation District No. 108 [RD0108]). [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete drainage culverts].<br>FS Date: 6/10/2014 |                             |              |                        |               |                  |

Photo 3 of 3 : UCIP\_SP\_2018\_37610\_68217.jpg



Concrete structure located on landward side.

|  |   |   |
|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br><br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0108 River Farms**

| Waterway                       | Bank | Unit Miles | Inspection Start/End     | Inspector   |
|--------------------------------|------|------------|--------------------------|-------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 03/16/2018<br>03/16/2018 | Zach Jojola |

|  |                             |              |                        |              |           |
|--|-----------------------------|--------------|------------------------|--------------|-----------|
| LM Start   | <b>0.06</b>                 | Rating **    | M                      | Issue No.    | <b>39</b> |
| LM End   | <b>0.06</b>                 | Issue Type + | Ma                     | Location *   |           |
| Category   | Supplemental                |              | GPS Latitude/Longitude |              |           |
|  |                             |              | Start                  | End          |           |
| Item   | DWR UCIP LMA Responsibility |              | 38.822897°             | 38.822897°   |           |
|  |                             |              | -121.797000°           | -121.797000° |           |
| DWR ID   |                             |              |                        |              |           |
| Comment Code   |                             |              |                        |              |           |
| Inspector Comment  |                             |              |                        |              |           |
| FS_ID:37611<br>DS_ID:22388<br>EP_NO: 9396<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon.<br>FIELD_STRUCT_DESC: *ABANDONED* 4 of 5: 72-inch reinforced concrete gravity drainage pipe or culvert through the levee, 31.6 feet below the crown. Slide gate on each end. (Retention of five 72-inch pipes through the levee [HLM 0.08] authorized under Automatic Board Order (ABO) issued as Permit No. 9736, 1974 - Reclamation District No. 108 [RD0108]). [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete drainage culverts].<br>FS Date: 6/10/2014 |                             |              |                        |              |           |

Photo 1 of 3 : UCIP\_SP\_2018\_37611\_68220.jpg



Concrete structure located on waterward side.

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>0.06</b> | Rating **    | M  | Issue No.  | <b>39 (cont)</b> |
| LM End   | <b>0.06</b> | Issue Type + | Ma | Location * |                  |

Photo 2 of 3 : UCIP\_SP\_2018\_37611\_68224.jpg



Waterward slope covered by dense vegetation.

|  |   |   |
|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br><br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0108 River Farms**

| Waterway                       | Bank | Unit Miles | Inspection Start/End     | Inspector   |
|--------------------------------|------|------------|--------------------------|-------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 03/16/2018<br>03/16/2018 | Zach Jojola |

|  |                             |              |                        |              |                  |
|--|-----------------------------|--------------|------------------------|--------------|------------------|
| LM Start   | <b>0.06</b>                 | Rating **    | M                      | Issue No.    | <b>39 (cont)</b> |
| LM End   | <b>0.06</b>                 | Issue Type + | Ma                     | Location *   |                  |
| Category   | Supplemental                |              | GPS Latitude/Longitude |              |                  |
|  |                             |              | Start                  | End          |                  |
| Item   | DWR UCIP LMA Responsibility |              | 38.822897°             | 38.822897°   |                  |
|  |                             |              | -121.797000°           | -121.797000° |                  |
| DWR ID   |                             |              |                        |              |                  |
| Comment Code   |                             |              |                        |              |                  |
| Inspector Comment  |                             |              |                        |              |                  |
| FS_ID:37611<br>DS_ID:22388<br>EP_NO: 9396<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon.<br>FIELD_STRUCT_DESC: *ABANDONED* 4 of 5: 72-inch reinforced concrete gravity drainage pipe or culvert through the levee, 31.6 feet below the crown. Slide gate on each end. (Retention of five 72-inch pipes through the levee [HLM 0.08] authorized under Automatic Board Order (ABO) issued as Permit No. 9736, 1974 - Reclamation District No. 108 [RD0108]). [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete drainage culverts].<br>FS Date: 6/10/2014 |                             |              |                        |              |                  |

Photo 3 of 3 : UCIP\_SP\_2018\_37611\_68222.jpg



Concrete structure visible on landward side.

|  |   |   |
|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br><br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0108 River Farms**

| Waterway                       | Bank | Unit Miles | Inspection Start/End     | Inspector   |
|--------------------------------|------|------------|--------------------------|-------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 03/16/2018<br>03/16/2018 | Zach Jojola |

|  |                             |              |                        |               |           |
|--|-----------------------------|--------------|------------------------|---------------|-----------|
| LM Start   | <b>0.07</b>                 | Rating **    | M                      | Issue No.     | <b>40</b> |
| LM End   | <b>0.07</b>                 | Issue Type + | Ma                     | Location *    |           |
| Category   | Supplemental                |              | GPS Latitude/Longitude |               |           |
|  |                             |              | Start                  | End           |           |
| Item   | DWR UCIP LMA Responsibility |              | 38.822954 °            | 38.822954 °   |           |
|  |                             |              | -121.797135 °          | -121.797135 ° |           |
| DWR ID   |                             |              |                        |               |           |
| Comment Code   |                             |              |                        |               |           |
| Inspector Comment  |                             |              |                        |               |           |
| FS_ID:37607<br>DS_ID:22389<br>EP_NO: 9396<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon.<br>FIELD_STRUCT_DESC: *ABANDONED* 5 of 5: 72-inch reinforced concrete gravity drainage pipe or culvert through the levee, 31.6 feet below the crown. Slide gate on each end. (Retention of five 72-inch pipes through the levee [HLM 0.08] authorized under Automatic Board Order (ABO) issued as Permit No. 9736, 1974 - Reclamation District No. 108 [RD0108]). [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete drainage culverts].<br>FS Date: 6/10/2014 |                             |              |                        |               |           |

Photo 1 of 3 : UCIP\_SP\_2018\_37607\_68203.jpg



Concrete structure located on waterward side.

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>0.07</b> | Rating **    | M  | Issue No.  | <b>40 (cont)</b> |
| LM End   | <b>0.07</b> | Issue Type + | Ma | Location * |                  |

Photo 2 of 3 : UCIP\_SP\_2018\_37607\_68206.jpg



Waterward slope covered by dense vegetation.

|  |   |   |
|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br><br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|---|---|



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0108 River Farms**

| Waterway                       | Bank | Unit Miles | Inspection Start/End     | Inspector   |
|--------------------------------|------|------------|--------------------------|-------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 03/16/2018<br>03/16/2018 | Zach Jojola |

|   |                      |              |                        |               |           |
|---|----------------------|--------------|------------------------|---------------|-----------|
| LM Start  | <b>2.91</b>          | Rating **    | M                      | Issue No.     | <b>41</b> |
| LM End  | <b>2.91</b>          | Issue Type + | En                     | Location *    |           |
| Category  | Supplemental         |              | GPS Latitude/Longitude |               |           |
|   |                      |              | Start                  | End           |           |
| Item  | DWR UCIP Field Study |              | 38.838696 °            | 38.838696 °   |           |
|   |                      |              | -121.845843 °          | -121.845843 ° |           |
| DWR ID  |                      |              |                        |               |           |
| Comment Code  |                      |              |                        |               |           |
| Inspector Comment   |                      |              |                        |               |           |
| FS_ID:39707<br>DS_ID:24875<br>EP_NO: N/A<br>Repair Type: Non-Urgent<br>Crossing Status: Indicator Found<br>UCIP Comments: No signs of pipe visible--need to contact owner to obtain permit number authorizing work. If crossing is no longer used by owner, the owner will need to coordinate with DWR Inspector and CVFPB to remove crossing according to Title 23 requirements. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure.<br>FIELD_STRUCT_DESC: Corrugated metal pipe (CMP) riser on the waterside (WS). Riser is filled with trash and debris. Unable to determine if a crossing exists at this location. This riser was field discovered.<br>FS Date: 3/18/2014 |                      |              |                        |               |           |

Photo 1 of 3 : UCIP\_SP\_2018\_39707\_71682.jpg



View of waterward side.

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>2.91</b> | Rating **    | M  | Issue No.  | <b>41 (cont)</b> |
| LM End   | <b>2.91</b> | Issue Type + | En | Location * |                  |

Photo 2 of 3 : UCIP\_SP\_2018\_39707\_71681.jpg



CMP riser located on waterward toe--2/3 filled with soil and trash.

|  |   |   |
|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br><br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0108 River Farms**

| Waterway                       | Bank | Unit Miles | Inspection Start/End     | Inspector   |
|--------------------------------|------|------------|--------------------------|-------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 03/16/2018<br>03/16/2018 | Zach Jojola |

|   |                      |              |                        |               |                  |
|---|----------------------|--------------|------------------------|---------------|------------------|
| LM Start  | <b>2.91</b>          | Rating **    | M                      | Issue No.     | <b>41 (cont)</b> |
| LM End  | <b>2.91</b>          | Issue Type + | En                     | Location *    |                  |
| Category  | Supplemental         |              | GPS Latitude/Longitude |               |                  |
|   |                      |              | Start                  | End           |                  |
| Item  | DWR UCIP Field Study |              | 38.838696 °            | 38.838696 °   |                  |
|   |                      |              | -121.845843 °          | -121.845843 ° |                  |
| DWR ID  |                      |              |                        |               |                  |
| Comment Code  |                      |              |                        |               |                  |
| Inspector Comment   |                      |              |                        |               |                  |
| FS_ID:39707<br>DS_ID:24875<br>EP_NO: N/A<br>Repair Type: Non-Urgent<br>Crossing Status: Indicator Found<br>UCIP Comments: No signs of pipe visible--need to contact owner to obtain permit number authorizing work. If crossing is no longer used by owner, the owner will need to coordinate with DWR Inspector and CVFPB to remove crossing according to Title 23 requirements. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure.<br>FIELD_STRUCT_DESC: Corrugated metal pipe (CMP) riser on the waterside (WS). Riser is filled with trash and debris. Unable to determine if a crossing exists at this location. This riser was field discovered.<br>FS Date: 3/18/2014 |                      |              |                        |               |                  |

Photo 3 of 3 : UCIP\_SP\_2018\_39707\_71680.jpg



View of waterward slope.

|                   |                         |              |                        |               |           |
|-------------------|-------------------------|--------------|------------------------|---------------|-----------|
| LM Start          | <b>2.99</b>             | Rating **    | C                      | Issue No.     | <b>34</b> |
| LM End            | <b>2.99</b>             | Issue Type + | Ma                     | Location *    | WS        |
| Category          | Earthen Levee           |              | GPS Latitude/Longitude |               |           |
|                   |                         |              | Start                  | End           |           |
| Item              | Encroachments           |              | 38.839151 °            | 38.839151 °   |           |
|                   |                         |              | -121.847321 °          | -121.847321 ° |           |
| DWR ID            | DWR_RD0108_01_f_2017_34 |              |                        |               |           |
| Comment Code      |                         |              |                        |               |           |
| GA : Garbage      |                         |              |                        |               |           |
| Inspector Comment |                         |              |                        |               |           |

No Photos

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0108 River Farms**

| Waterway                       | Bank | Unit Miles | Inspection Start/End     | Inspector   |
|--------------------------------|------|------------|--------------------------|-------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 03/16/2018<br>03/16/2018 | Zach Jojola |

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | <b>4.16</b>             | Rating **    | C  | Issue No.              | <b>15</b>     |
| LM End   | <b>4.20</b>             | Issue Type + | Ma | Location *             |               |
| Category   | Supplemental            |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | 2017 Storm Damage       |              |    | 38.843700 °            | 38.843780 °   |
|  |                         |              |    | -121.867990 °          | -121.868650 ° |
| DWR ID   | DWR_RD0108_01_s_2018_15 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| Inspector Comment  |                         |              |    |                        |               |
| Levee Evaluation Comments<br>Description:<br>Site ID No:208<br>Site Designation:FSRP-15-28<br>Repair Type: Stability<br>Rating:Area of Concern<br>Field Date:8/28/2017<br>Notes: no new damage this year. Historical slope stability. Continue to monitor. |                         |              |    |                        |               |

No Photos

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | <b>9.17</b>             | Rating **    | C  | Issue No.              | <b>10</b>     |
| LM End  | <b>9.20</b>             | Issue Type + | Ma | Location *             | WS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Slope Stability         |              |    | 38.895605 °            | 38.896086 °   |
|   |                         |              |    | -121.914645 °          | -121.914646 ° |
| DWR ID  | DWR_RD0108_01_s_2017_10 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| S1 : Repair slope instability.  |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
| 200' section of multiple sloughs. District submitted request for PL 84-99 assistance. |                         |              |    |                        |               |

No Photos

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0108 River Farms**

| Waterway                       | Bank | Unit Miles | Inspection Start/End     | Inspector   |
|--------------------------------|------|------------|--------------------------|-------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 03/16/2018<br>03/16/2018 | Zach Jojola |

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | <b>9.18</b>             | Rating **    | C  | Issue No.              | <b>17</b>     |
| LM End   | <b>9.20</b>             | Issue Type + | Ma | Location *             |               |
| Category   | Supplemental            |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | 2017 Storm Damage       |              |    | 38.895833 °            | 38.896142 °   |
|  |                         |              |    | -121.914672 °          | -121.914445 ° |
| DWR ID   | DWR_RD0108_01_f_2017_17 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| Inspector Comment  |                         |              |    |                        |               |
| Levee Evaluation Comments<br>Description:<br>Site ID No:220<br>Site Designation:RD 108-05<br>Repair Type: Erosion<br>Rating:Critical<br>Field Date:7/18/2017<br>Notes: |                         |              |    |                        |               |

No Photos

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | <b>9.29</b>             | Rating **    | C  | Issue No.              | <b>18</b>     |
| LM End   | <b>9.30</b>             | Issue Type + | Ma | Location *             |               |
| Category   | Supplemental            |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | 2017 Storm Damage       |              |    | 38.897338 °            | 38.897583 °   |
|  |                         |              |    | -121.914672 °          | -121.914688 ° |
| DWR ID   | DWR_RD0108_01_f_2017_18 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| Inspector Comment  |                         |              |    |                        |               |
| Levee Evaluation Comments<br>Description:<br>Site ID No:219<br>Site Designation:RD 108-04<br>Repair Type: Erosion<br>Rating:Critical<br>Field Date:7/18/2017<br>Notes: |                         |              |    |                        |               |

No Photos

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0108 River Farms**

| Waterway                       | Bank | Unit Miles | Inspection Start/End     | Inspector   |
|--------------------------------|------|------------|--------------------------|-------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 03/16/2018<br>03/16/2018 | Zach Jojola |

|  |                         |              |                        |               |           |
|--|-------------------------|--------------|------------------------|---------------|-----------|
| LM Start   | <b>9.30</b>             | Rating **    | C                      | Issue No.     | <b>31</b> |
| LM End   | <b>9.30</b>             | Issue Type + | Ma                     | Location *    | WS        |
| Category   | Earthen Levee           |              | GPS Latitude/Longitude |               |           |
|  |                         |              | Start                  | End           |           |
| Item   | Slope Stability         |              | 38.897494 °            | 38.897494 °   |           |
|  |                         |              | -121.914680 °          | -121.914680 ° |           |
| DWR ID   | DWR_RD0108_01_s_2017_31 |              |                        |               |           |
| Comment Code   |                         |              |                        |               |           |
| S1 : Repair slope instability.   |                         |              |                        |               |           |
| Inspector Comment  |                         |              |                        |               |           |
| 100' sloughing section on waterside slope. District submitted application for PL 84-99 assistance. |                         |              |                        |               |           |

No Photos

|   |                         |              |                        |               |           |
|---|-------------------------|--------------|------------------------|---------------|-----------|
| LM Start  | <b>9.66</b>             | Rating **    | M                      | Issue No.     | <b>16</b> |
| LM End  | <b>9.66</b>             | Issue Type + | En                     | Location *    | WS        |
| Category  | Earthen Levee           |              | GPS Latitude/Longitude |               |           |
|   |                         |              | Start                  | End           |           |
| Item  | Encroachments           |              | 38.902691 °            | 38.902691 °   |           |
|   |                         |              | -121.914645 °          | -121.914645 ° |           |
| DWR ID  | DWR_RD0108_01_f_2016_16 |              |                        |               |           |
| Comment Code  |                         |              |                        |               |           |
| ST : Stairway   |                         |              |                        |               |           |
| Inspector Comment   |                         |              |                        |               |           |
| Department of Fish and Game staff is using stairway to access their monitoring site. Unable to verify permit. |                         |              |                        |               |           |

Photo 1 of 1 : SP\_2018\_RD0108\_203\_16\_20180306\_00003.jpg



View of a steel stairway on WS slope. Fall 2016 inspection.

|                                 |                         |              |                        |               |           |
|---------------------------------|-------------------------|--------------|------------------------|---------------|-----------|
| LM Start                        | <b>9.91</b>             | Rating **    | C                      | Issue No.     | <b>30</b> |
| LM End                          | <b>9.91</b>             | Issue Type + | Ma                     | Location *    | WS        |
| Category                        | Earthen Levee           |              | GPS Latitude/Longitude |               |           |
|                                 |                         |              | Start                  | End           |           |
| Item                            | Encroachments           |              | 38.906419 °            | 38.906419 °   |           |
|                                 |                         |              | -121.914671 °          | -121.914671 ° |           |
| DWR ID                          | DWR_RD0108_01_s_2018_30 |              |                        |               |           |
| Comment Code                    |                         |              |                        |               |           |
| TR : Tree or limb               |                         |              |                        |               |           |
| Inspector Comment               |                         |              |                        |               |           |
| Fallen tree on waterside slope. |                         |              |                        |               |           |

No Photos

|  |  |  |   |
|--|--|--|---|
| <b>* Location</b><br>LS : Land Side<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | <b>N : Not Inspected/Rated</b><br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|--|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0108 River Farms**

| Waterway                       | Bank | Unit Miles | Inspection Start/End     | Inspector   |
|--------------------------------|------|------------|--------------------------|-------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 03/16/2018<br>03/16/2018 | Zach Jojola |

|  |                         |              |                        |               |           |
|--|-------------------------|--------------|------------------------|---------------|-----------|
| LM Start   | <b>10.77</b>            | Rating **    | M                      | Issue No.     | <b>21</b> |
| LM End   | <b>10.77</b>            | Issue Type + | Ma                     | Location *    | LS        |
| Category   | Earthen Levee           |              | GPS Latitude/Longitude |               |           |
|  |                         |              | Start                  | End           |           |
| Item   | Erosion / Bank Caving   |              | 38.918902 °            | 38.918902 °   |           |
|  |                         |              | -121.914589 °          | -121.914589 ° |           |
| DWR ID   | DWR_RD0108_01_s_2018_21 |              |                        |               |           |
| Comment Code   |                         |              |                        |               |           |
| E2 : Schedule repair of erosion site prior to the next inspection. |                         |              |                        |               |           |
| Inspector Comment  |                         |              |                        |               |           |
| Minor erosion on landside slope.                                   |                         |              |                        |               |           |

Photo 1 of 1 : SP\_2018\_RD0108\_203\_21\_20180316\_00051.jpg



View of erosion on landside slope. Spring 2018.

|  |                      |              |                        |               |           |
|--|----------------------|--------------|------------------------|---------------|-----------|
| LM Start   | <b>11.24</b>         | Rating **    | M                      | Issue No.     | <b>42</b> |
| LM End   | <b>11.24</b>         | Issue Type + | En                     | Location *    |           |
| Category   | Supplemental         |              | GPS Latitude/Longitude |               |           |
|  |                      |              | Start                  | End           |           |
| Item   | DWR UCIP Field Study |              | 38.925662 °            | 38.925662 °   |           |
|  |                      |              | -121.914303 °          | -121.914303 ° |           |
| DWR ID   |                      |              |                        |               |           |
| Comment Code   |                      |              |                        |               |           |
| Inspector Comment  |                      |              |                        |               |           |
| FS_ID:39717<br>DS_ID:24876<br>EP_NO: N/A<br>Repair Type: Non-Urgent<br>Crossing Status: Indicator Found<br>UCIP Comments: Need to contact owner to determine additional details of crossing.<br>FIELD_STRUCT_DESC: Natural gas pipeline of an unknown size or material slightly angled through the levee, at an unknown depth.<br>Markers on both sides of the levee. Gas station located across the canal on the landside (LS). This crossing was field discovered.<br>FS Date: 3/18/2014 |                      |              |                        |               |           |

Photo 1 of 3 : UCIP\_SP\_2018\_39717\_71705.jpg



View of marker visible on shoulder.

|  |   |   |
|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br><br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0108 River Farms**

| Waterway                       | Bank | Unit Miles | Inspection Start/End     | Inspector   |
|--------------------------------|------|------------|--------------------------|-------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 03/16/2018<br>03/16/2018 | Zach Jojola |

| LM Start   | 11.24                | Rating **    | M                      | Issue No.     | 42 (cont) |
|--|----------------------|--------------|------------------------|---------------|-----------|
| LM End   | 11.24                | Issue Type + | En                     | Location *    |           |
| Category   | Supplemental         |              | GPS Latitude/Longitude |               |           |
|  |                      |              | Start                  | End           |           |
| Item   | DWR UCIP Field Study |              | 38.925662 °            | 38.925662 °   |           |
|  |                      |              | -121.914303 °          | -121.914303 ° |           |
| DWR ID   |                      |              |                        |               |           |
| Comment Code   |                      |              |                        |               |           |
| Inspector Comment  |                      |              |                        |               |           |
| FS_ID:39717<br>DS_ID:24876<br>EP_NO: N/A<br>Repair Type: Non-Urgent<br>Crossing Status: Indicator Found<br>UCIP Comments: Need to contact owner to determine additional details of crossing.<br>FIELD_STRUCT_DESC: Natural gas pipeline of an unknown size or material slightly angled through the levee, at an unknown depth.<br>Markers on both sides of the levee. Gas station located across the canal on the landside (LS). This crossing was field discovered.<br>FS Date: 3/18/2014 |                      |              |                        |               |           |

Photo 2 of 3 : UCIP\_SP\_2018\_39717\_71704.jpg



Owner contact information listed on marker.

| LM Start | 11.24 | Rating **    | M  | Issue No.  | 42 (cont) |
|----------|-------|--------------|----|------------|-----------|
| LM End   | 11.24 | Issue Type + | En | Location * |           |

Photo 3 of 3 : UCIP\_SP\_2018\_39717\_71703.jpg



Marker visible on waterward side.

|  |   |   |
|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br><br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0108 River Farms**

| Waterway                       | Bank | Unit Miles | Inspection Start/End     | Inspector   |
|--------------------------------|------|------------|--------------------------|-------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 03/16/2018<br>03/16/2018 | Zach Jojola |

|   |                         |              |    |                        |              |
|---|-------------------------|--------------|----|------------------------|--------------|
| LM Start  | <b>12.68</b>            | Rating **    | C  | Issue No.              | <b>19</b>    |
| LM End  | <b>12.70</b>            | Issue Type + | Ma | Location *             |              |
| Category  | Supplemental            |              |    | GPS Latitude/Longitude |              |
|   |                         |              |    | Start                  | End          |
| Item  | 2017 Storm Damage       |              |    | 38.945305°             | 38.945717°   |
|   |                         |              |    | -121.906692°           | -121.906717° |
| DWR ID  | DWR_RD0108_01_f_2017_19 |              |    |                        |              |
| Comment Code  |                         |              |    |                        |              |
| Inspector Comment   |                         |              |    |                        |              |
| Levee Evaluation Comments<br>Description:<br>Site ID No:218<br>Site Designation:RD 108-03<br>Repair Type: Erosion<br>Rating:Critical<br>Field Date:7/18/2017<br>Notes: levee crown is inaccessible by vehicle due to crown slip failure |                         |              |    |                        |              |

No Photos

|  |                         |              |    |                        |              |
|--|-------------------------|--------------|----|------------------------|--------------|
| LM Start   | <b>12.68</b>            | Rating **    | C  | Issue No.              | <b>32</b>    |
| LM End   | <b>12.71</b>            | Issue Type + | Ma | Location *             | LS           |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |              |
|  |                         |              |    | Start                  | End          |
| Item   | Slope Stability         |              |    | 38.945376°             | 38.945719°   |
|  |                         |              |    | -121.906768°           | -121.906773° |
| DWR ID   | DWR_RD0108_01_s_2017_32 |              |    |                        |              |
| Comment Code   |                         |              |    |                        |              |
| S1 : Repair slope instability.   |                         |              |    |                        |              |
| Inspector Comment  |                         |              |    |                        |              |
| 150' sloughing section on crown and landside slope. District submitted an application for PL 84-99 assistance. |                         |              |    |                        |              |

No Photos

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

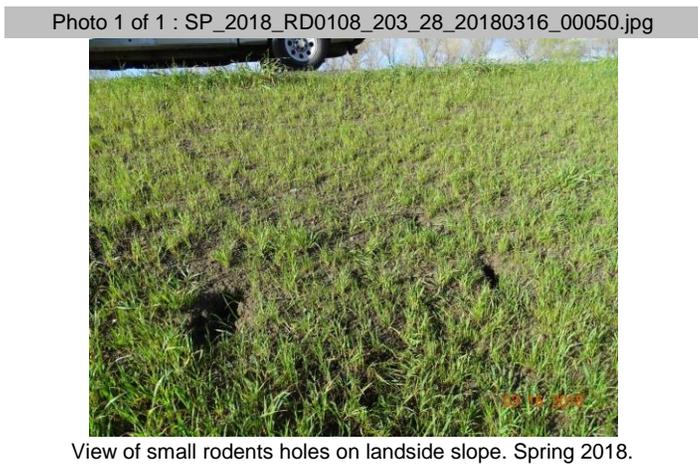
**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0108 River Farms**

| Waterway                       | Bank | Unit Miles | Inspection Start/End     | Inspector   |
|--------------------------------|------|------------|--------------------------|-------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 03/16/2018<br>03/16/2018 | Zach Jojola |

|   |                         |              |                        |               |           |
|---|-------------------------|--------------|------------------------|---------------|-----------|
| LM Start  | <b>14.42</b>            | Rating **    | A/W                    | Issue No.     | <b>28</b> |
| LM End  | <b>14.42</b>            | Issue Type + | Ma                     | Location *    | LS        |
| Category  | Earthen Levee           |              | GPS Latitude/Longitude |               |           |
|   |                         |              | Start                  | End           |           |
| Item  | Animal Control          |              | 38.966547 °            | 38.966547 °   |           |
|   |                         |              | -121.922360 °          | -121.922360 ° |           |
| DWR ID  | DWR_RD0108_01_f_2017_28 |              |                        |               |           |
| Comment Code  |                         |              |                        |               |           |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. |                         |              |                        |               |           |
| Inspector Comment   |                         |              |                        |               |           |
| Small rodent holes on landside slope. Recommend monitoring for future activity.                     |                         |              |                        |               |           |



|  |                         |              |                        |               |           |
|--|-------------------------|--------------|------------------------|---------------|-----------|
| LM Start   | <b>14.47</b>            | Rating **    | C                      | Issue No.     | <b>20</b> |
| LM End   | <b>14.55</b>            | Issue Type + | Ma                     | Location *    |           |
| Category   | Supplemental            |              | GPS Latitude/Longitude |               |           |
|  |                         |              | Start                  | End           |           |
| Item   | 2017 Storm Damage       |              | 38.967062 °            | 38.967770 °   |           |
|  |                         |              | -121.923103 °          | -121.924178 ° |           |
| DWR ID   | DWR_RD0108_01_f_2017_20 |              |                        |               |           |
| Comment Code   |                         |              |                        |               |           |
| Inspector Comment  |                         |              |                        |               |           |
| Levee Evaluation Comments<br>Description:<br>Site ID No:217<br>Site Designation:RD 108-02<br>Repair Type: Erosion<br>Rating:Critical<br>Field Date:7/18/2017<br>Notes: |                         |              |                        |               |           |

No Photos

|   |  |   |
|---|--|---|
| <b>* Location</b><br>LS : Land Side N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable N : Not Inspected/Rated<br>M : Minimally Acceptable C : Corrected<br>U : Unacceptable A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|---|--|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0108 River Farms**

| Waterway                       | Bank | Unit Miles | Inspection Start/End     | Inspector   |
|--------------------------------|------|------------|--------------------------|-------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 03/16/2018<br>03/16/2018 | Zach Jojola |

|  |                         |              |                        |               |           |
|--|-------------------------|--------------|------------------------|---------------|-----------|
| LM Start   | <b>14.47</b>            | Rating **    | C                      | Issue No.     | <b>33</b> |
| LM End   | <b>14.55</b>            | Issue Type + | Ma                     | Location *    | LS        |
| Category   | Earthen Levee           |              | GPS Latitude/Longitude |               |           |
|  |                         |              | Start                  | End           |           |
| Item   | Slope Stability         |              | 38.967062 °            | 38.967784 °   |           |
|  |                         |              | -121.923113 °          | -121.924148 ° |           |
| DWR ID   | DWR_RD0108_01_s_2017_33 |              |                        |               |           |
| Comment Code   |                         |              |                        |               |           |
| S1 : Repair slope instability.   |                         |              |                        |               |           |
| Inspector Comment  |                         |              |                        |               |           |
| 400' sloughing section on landside slope. District submitted an application for PL 84-99 assistance. |                         |              |                        |               |           |

No Photos

|  |                      |              |                        |               |           |
|--|----------------------|--------------|------------------------|---------------|-----------|
| LM Start   | <b>14.94</b>         | Rating **    | M                      | Issue No.     | <b>43</b> |
| LM End   | <b>14.94</b>         | Issue Type + | En                     | Location *    |           |
| Category   | Supplemental         |              | GPS Latitude/Longitude |               |           |
|  |                      |              | Start                  | End           |           |
| Item   | DWR UCIP Field Study |              | 38.971607 °            | 38.971607 °   |           |
|  |                      |              | -121.929499 °          | -121.929499 ° |           |
| DWR ID   |                      |              |                        |               |           |
| Comment Code   |                      |              |                        |               |           |
| Inspector Comment  |                      |              |                        |               |           |
| FS_ID:37623<br>DS_ID:17942<br>EP_NO: 3800<br>Repair Type: Non-Urgent<br>Crossing Status: Indicator Found<br>UCIP Comments: Need to contact owner--marker missing on waterward side.<br>FIELD_STRUCT_DESC: 20-inch concrete encased steel natural gas pipeline through the levee, 3 feet below the crown. Crossing appears to be angled through the levee. Small rock revetment on the waterside (WS) slope, unable to locate. Gas well approximately 1000 feet off the landside (LS) toe. (Plans to construct and maintain a 20-inch gas line across the Sacramento River authorized under Permit No. 3800, 1961 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log, 1991].<br>FS Date: 6/10/2014 |                      |              |                        |               |           |

Photo 1 of 3 : UCIP\_SP\_2018\_37623\_68246.jpg



Marker visible on landward side.

|  |   |   |
|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0108 River Farms**

| Waterway                       | Bank | Unit Miles | Inspection Start/End     | Inspector   |
|--------------------------------|------|------------|--------------------------|-------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 03/16/2018<br>03/16/2018 | Zach Jojola |

|  |                      |              |                        |              |                  |
|--|----------------------|--------------|------------------------|--------------|------------------|
| LM Start   | <b>14.94</b>         | Rating **    | M                      | Issue No.    | <b>43 (cont)</b> |
| LM End   | <b>14.94</b>         | Issue Type + | En                     | Location *   |                  |
| Category   | Supplemental         |              | GPS Latitude/Longitude |              |                  |
|  |                      |              | Start                  | End          |                  |
| Item   | DWR UCIP Field Study |              | 38.971607°             | 38.971607°   |                  |
|  |                      |              | -121.929499°           | -121.929499° |                  |
| DWR ID   |                      |              |                        |              |                  |
| Comment Code   |                      |              |                        |              |                  |
| Inspector Comment  |                      |              |                        |              |                  |
| FS_ID:37623<br>DS_ID:17942<br>EP_NO: 3800<br>Repair Type: Non-Urgent<br>Crossing Status: Indicator Found<br>UCIP Comments: Need to contact owner--marker missing on waterward side.<br>FIELD_STRUCT_DESC: 20-inch concrete encased steel natural gas pipeline through the levee, 3 feet below the crown. Crossing appears to be angled through the levee. Small rock revetment on the waterside (WS) slope, unable to locate. Gas well approximately 1000 feet off the landside (LS) toe. (Plans to construct and maintain a 20-inch gas line across the Sacramento River authorized under Permit No. 3800, 1961 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log, 1991].<br>FS Date: 6/10/2014 |                      |              |                        |              |                  |

|          |              |              |    |            |                  |
|----------|--------------|--------------|----|------------|------------------|
| LM Start | <b>14.94</b> | Rating **    | M  | Issue No.  | <b>43 (cont)</b> |
| LM End   | <b>14.94</b> | Issue Type + | En | Location * |                  |

Photo 2 of 3 : UCIP\_SP\_2018\_37623\_68245.jpg



Contact information for gas line going through levee.

Photo 3 of 3 : UCIP\_SP\_2018\_37623\_68244.jpg



View of waterward side. No marker visible on waterward side.

|  |   |   |
|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0108 River Farms**

| Waterway                       | Bank | Unit Miles | Inspection Start/End     | Inspector   |
|--------------------------------|------|------------|--------------------------|-------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 03/16/2018<br>03/16/2018 | Zach Jojola |

|   |                         |              |                        |              |           |
|---|-------------------------|--------------|------------------------|--------------|-----------|
| LM Start  | <b>17.26</b>            | Rating **    | C                      | Issue No.    | <b>22</b> |
| LM End  | <b>17.30</b>            | Issue Type + | Ma                     | Location *   |           |
| Category  | Supplemental            |              | GPS Latitude/Longitude |              |           |
|   |                         |              | Start                  | End          |           |
| Item  | 2017 Storm Damage       |              | 38.995187°             | 38.995772°   |           |
|   |                         |              | -121.960158°           | -121.960617° |           |
| DWR ID  | DWR_RD0108_01_f_2017_22 |              |                        |              |           |
| Comment Code  |                         |              |                        |              |           |
| Inspector Comment   |                         |              |                        |              |           |
| Levee Evaluation Comments<br>Description:<br>Site ID No:216<br>Site Designation:RD 108-01<br>Repair Type: Erosion<br>Rating:Serious<br>Field Date:7/18/2017<br>Notes: |                         |              |                        |              |           |

No Photos

|  |                         |              |                        |              |           |
|--|-------------------------|--------------|------------------------|--------------|-----------|
| LM Start   | <b>17.26</b>            | Rating **    | C                      | Issue No.    | <b>35</b> |
| LM End   | <b>17.31</b>            | Issue Type + | Ma                     | Location *   | LS        |
| Category   | Earthen Levee           |              | GPS Latitude/Longitude |              |           |
|  |                         |              | Start                  | End          |           |
| Item   | Slope Stability         |              | 38.995293°             | 38.995785°   |           |
|  |                         |              | -121.960200°           | -121.960776° |           |
| DWR ID   | DWR_RD0108_01_s_2017_35 |              |                        |              |           |
| Comment Code   |                         |              |                        |              |           |
| S1 : Repair slope instability.   |                         |              |                        |              |           |
| Inspector Comment  |                         |              |                        |              |           |
| 200' sloughing section on landside slope. District submitted an application for PL 84-99 assistance. |                         |              |                        |              |           |

No Photos

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0108 River Farms**

| Waterway                       | Bank | Unit Miles | Inspection Start/End     | Inspector   |
|--------------------------------|------|------------|--------------------------|-------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 03/16/2018<br>03/16/2018 | Zach Jojola |

|                                 |                         |              |                        |              |           |
|---------------------------------|-------------------------|--------------|------------------------|--------------|-----------|
| LM Start                        | <b>17.73</b>            | Rating **    | C                      | Issue No.    | <b>24</b> |
| LM End                          | <b>17.73</b>            | Issue Type + | Ma                     | Location *   | WS        |
| Category                        | Earthen Levee           |              | GPS Latitude/Longitude |              |           |
|                                 |                         |              | Start                  | End          |           |
| Item                            | Encroachments           |              | 39.000307°             | 39.000307°   |           |
|                                 |                         |              | -121.966020°           | -121.966020° |           |
| DWR ID                          | DWR_RD0108_01_f_2017_24 |              |                        |              |           |
| Comment Code                    |                         |              |                        |              |           |
| TR : Tree or limb               |                         |              |                        |              |           |
| Inspector Comment               |                         |              |                        |              |           |
| Fallen tree on waterside slope. |                         |              |                        |              |           |

No Photos

|   |                         |              |                        |              |           |
|---|-------------------------|--------------|------------------------|--------------|-----------|
| LM Start  | <b>18.24</b>            | Rating **    | C                      | Issue No.    | <b>29</b> |
| LM End  | <b>18.24</b>            | Issue Type + | Ma                     | Location *   | WS        |
| Category  | Earthen Levee           |              | GPS Latitude/Longitude |              |           |
|   |                         |              | Start                  | End          |           |
| Item  | Animal Control          |              | 39.005766°             | 39.005766°   |           |
|   |                         |              | -121.972346°           | -121.972346° |           |
| DWR ID  | DWR_RD0108_01_f_2015_29 |              |                        |              |           |
| Comment Code  |                         |              |                        |              |           |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. |                         |              |                        |              |           |
| Inspector Comment   |                         |              |                        |              |           |

No Photos

|                                   |                        |              |                        |              |          |
|-----------------------------------|------------------------|--------------|------------------------|--------------|----------|
| LM Start                          | <b>18.92</b>           | Rating **    | M                      | Issue No.    | <b>6</b> |
| LM End                            | <b>19.28</b>           | Issue Type + | En                     | Location *   | LS       |
| Category                          | Earthen Levee          |              | GPS Latitude/Longitude |              |          |
|                                   |                        |              | Start                  | End          |          |
| Item                              | Encroachments          |              | 39.013160°             | 39.017000°   |          |
|                                   |                        |              | -121.980808°           | -121.985364° |          |
| DWR ID                            | DWR_RD0108_01_s_2012_6 |              |                        |              |          |
| Comment Code                      |                        |              |                        |              |          |
| DT : Ditch                        |                        |              |                        |              |          |
| Inspector Comment                 |                        |              |                        |              |          |
| Ditch is at the toe of the levee. |                        |              |                        |              |          |

Photo 1 of 1 : SP\_2018\_RD0108\_203\_6\_20180306\_00001.jpg



View of the ditch at the toe of the levee on the landward side looking upstream. Spring 2016.

|   |  |   |
|---|--|---|
| <b>* Location</b><br>LS : Land Side N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable N : Not Inspected/Rated<br>M : Minimally Acceptable C : Corrected<br>U : Unacceptable A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|---|--|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0108 River Farms**

| Waterway                       | Bank | Unit Miles | Inspection Start/End     | Inspector   |
|--------------------------------|------|------------|--------------------------|-------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 03/16/2018<br>03/16/2018 | Zach Jojola |

|  |                                  |              |                        |              |          |
|--|----------------------------------|--------------|------------------------|--------------|----------|
| LM Start   | <b>19.27</b>                     | Rating **    | M                      | Issue No.    | <b>1</b> |
| LM End   | <b>19.35</b>                     | Issue Type + | Ma                     | Location *   | WS       |
| Category   | Supplemental                     |              | GPS Latitude/Longitude |              |          |
|  |                                  |              | Start                  | End          |          |
| Item   | 2015 USACE Erosion Survey, DRAFT |              | 39.016727°             | 39.017516°   |          |
|  |                                  |              | -121.985411°           | -121.986374° |          |
| DWR ID   | DWR_RD0108_01_s_2016_1           |              |                        |              |          |
| Comment Code   |                                  |              |                        |              |          |
| Inspector Comment  |                                  |              |                        |              |          |
| 2011 - Toe scour at the bottom of a steep bank, large sections of the toe are sliding down. Erosion may be due to the upstream bend. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: CBD_19-2_L] |                                  |              |                        |              |          |

No Photos

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2018 Levee Inspection Results**

**Reclamation District No. 0108 River Farms**

|                               |  |       |            |
|-------------------------------|--|-------|------------|
| Waterway                      |  | Bank  | Unit Miles |
| Unit No. 02 Castle Properties |  | Right | 0.28       |

|  | Spring<br>(March - May) | Summer<br>(June - August) | (September - November)<br>Fall | Winter<br>(December - February) |
|--|-------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit Maintenance Rating<br>(Fall Only) |                         |                           |                                |                                 |
| Date of Inspection                     | 3/13/2018 - 3/13/2018   |                           |                                |                                 |
| DWR Inspector                          | Zach Jojola             |                           |                                |                                 |
| Accompanied By                         | Gary Marler<br>RD0108   |                           |                                |                                 |

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 0108 River Farms**

|                               |       |            |                          |             |
|-------------------------------|-------|------------|--------------------------|-------------|
| Waterway                      | Bank  | Unit Miles | Inspection Start/End     | Inspector   |
| Unit No. 02 Castle Properties | Right | 0.28       | 03/13/2018<br>03/13/2018 | Zach Jojola |

|  |                        |              |                        |               |          |
|--|------------------------|--------------|------------------------|---------------|----------|
| LM Start                               | <b>0.06</b>            | Rating **    | M                      | Issue No.     | <b>1</b> |
| LM End                                 | <b>0.06</b>            | Issue Type + | Ma                     | Location *    | WS       |
| Category                               | Earthen Levee          |              | GPS Latitude/Longitude |               |          |
|  |                        |              | Start                  | End           |          |
| Item                                   | Encroachments          |              | 38.796756 °            | 38.796756 °   |          |
|  |                        |              | -121.727099 °          | -121.727099 ° |          |
| DWR ID                                 | DWR_RD0108_02_s_2018_1 |              |                        |               |          |
| Comment Code                           |                        |              |                        |               |          |
| TR : Tree or limb                      |                        |              |                        |               |          |
| Inspector Comment                      |                        |              |                        |               |          |
| Fallen tree branch on waterside slope. |                        |              |                        |               |          |

Photo 1 of 1 : SP\_2018\_RD0108\_590\_1\_20180313\_00003.jpg



View of tree branch on the waterside slope. Spring 2018.

|   |                        |              |                        |               |          |
|---|------------------------|--------------|------------------------|---------------|----------|
| LM Start  | <b>0.14</b>            | Rating **    | C                      | Issue No.     | <b>8</b> |
| LM End  | <b>0.15</b>            | Issue Type + | Ob                     | Location *    | CR       |
| Category  | Earthen Levee          |              | GPS Latitude/Longitude |               |          |
|   |                        |              | Start                  | End           |          |
| Item  | Cracking               |              | 38.797632 °            | 38.797760 °   |          |
|   |                        |              | -121.726162 °          | -121.726070 ° |          |
| DWR ID  | DWR_RD0108_02_f_2015_8 |              |                        |               |          |
| Comment Code  |                        |              |                        |               |          |
| CR1 : Monitor and have inspected by geotechnical engineer.                              |                        |              |                        |               |          |
| Inspector Comment   |                        |              |                        |               |          |
| Cracks seems to have closed up after multiple inspection seasons. Recommend monitoring. |                        |              |                        |               |          |

No Photos

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|